

Converting Colors

XYZ(57.4994, 68.5225, 76.5057)

Have a look what the booklet for
XYZ(57.4994, 68.5225, 76.5057)
contains.

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Color

**XYZ(57.5304, 68.5686,
76.5326)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE2DA
RGB	175, 226, 218
RGB Percent	69%, 89%, 85%
CMY	0.3137, 0.1137, 0.1451
CMYK	0.23, 0.00, 0.04, 0.11
HSL	171°, 47%, 79%
HSV	171°, 23%, 89%
XYZ	57.5304, 68.5686, 76.5326
YIQ	209.8390, -27.8280, -13.3000

Conversions

Conversions Part 2

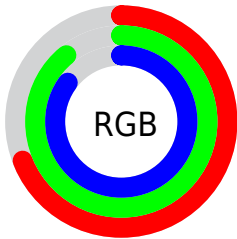
Format	Color
RYB	175, 203, 226
Decimal	11526874
CIELab	86.29, -17.95, -1.46
CIELCh	86, 18.014, 184.657
Yxy	68.5686, 0.2839, 0.3384
Android (android.graphics.Color)	4289716954 (0xFFAFE2DA)
YUV	209.8390, 4.0234, -30.5538
Hunter-Lab	82.8062, -20.8961, 3.1662

Details

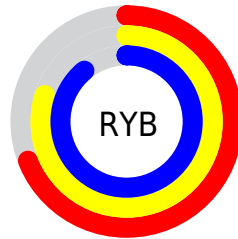
The XYZ color **57.5304, 68.5686, 76.5326** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.2436, 50.2494, 51.5899**, and the grayscale version is **61.1420, 64.3262, 70.0512**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **29.0589, 35.8351, 40.0356** is the 20% darker color. If you saturate the color by 10%, you get **52.4177, 65.9877, 73.8979**, and if you desaturate by 10%, it is **63.5059, 71.5967, 79.2624**.

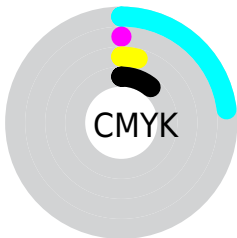
Distribution



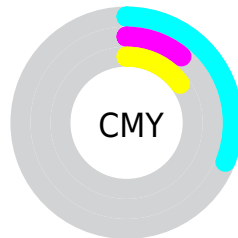
- Red (69%)
- Green (89%)
- Blue (85%)



- Red (69%)
- Yellow (80%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)





- Cyan (31%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5304, 68.5686, 76.5326 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.5304, 68.5686, 76.5326 by changing the saturation by 10% instead.


 57.5304, 68.5686,
76.5326

 57.5304, 68.5686,
76.5326


405.4159,
455.5080, 502.5642

 41.6730, 50.3605,
56.3601

 100.3656,
117.1652, 130.2465

 29.0353, 35.6999,
40.0858


128.0741,
148.3224, 164.6249

 19.2520, 24.2025,
27.2911


160.4638,
184.5648, 204.5757

 11.9576, 15.4839,
17.5576

197.8999,
226.2768, 250.5174

 6.7868, 9.1597,
10.4667

240.7478,
273.8427, 302.8686

 3.3743, 4.8455,
5.5998

289.3729,

 1.3546, 2.1569,

327.6469, 362.0477

2.5385

344.1405,
388.0739, 428.4734

■ 0.2236, 0.6963,
0.8605

■ 0.0000, 0.0000,
0.0000

■ 57.5304, 68.5686,
76.5326

■ 57.5304, 68.5686,
76.5326

■ 52.4177, 65.9877,
73.8979

■ 63.5059, 71.5967,
79.2624

■ 48.1195, 63.8239,
71.3514

■ 70.3777, 75.0839,
82.0849

■ 44.5921, 62.0562,
68.8922

■ 78.1846, 79.0520,
85.0036

■ 41.7848, 60.6586,
66.5175

■ 83.0296, 81.4920,
87.8364

39.6411, 59.6021,
64.2245

83.5391, 81.6958,
90.5195

38.0959, 58.8529,
62.0096

84.0589, 81.9037,
93.2564

37.0707, 58.3707,
59.8690

84.5889, 82.1157,
96.0475

36.5512, 58.1366,
58.3214

85.1293, 82.3318,
98.8931

85.6800, 82.5521,
101.7934

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.2162, 68.5686, 65.2891



57.5304, 68.5686, 76.5326



58.8199, 68.5686, 88.4396

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.5304, 68.5686, 76.5326



69.8214, 68.5686, 95.1033



68.6517, 68.5686, 55.8335

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.5304, 68.5686, 76.5326



55.2436, 50.2494, 51.5899

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9665, 68.5686, 62.3908



57.5304, 68.5686, 76.5326



72.6617, 68.5686, 84.8862

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.5304, 68.5686, 76.5326



65.8232, 68.5686, 99.8617



73.4628, 68.5686, 72.8173



64.5259, 68.5686, 54.1001

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.5304, 68.5686, 76.5326



60.6599, 68.5686, 94.9190



73.4628, 68.5686, 72.8173



69.9034, 68.5686, 57.5098

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.5324, 68.5714, 76.5341



88.3374, 96.5913, 106.2491



54.5838, 67.6194, 50.7335



18.7900, 20.6147, 22.6934



0.0000, 0.0000, 0.0000



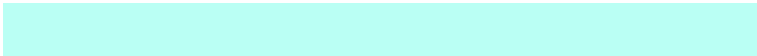
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.5324, 68.5714, 76.5341



72.4052, 88.5215, 99.0148



54.2091, 60.2082, 80.7190



14.0193, 15.5335, 17.1370



20.8879, 33.1800, 33.4624



1.4730, 2.3099, 2.4521

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.2436, 50.2494, 51.5899



68.9032, 60.4701, 60.8356



57.9538, 56.9653, 48.4994



13.7945, 13.7354, 14.6879



18.0981, 9.3063, 1.9166



1.2819, 0.6560, 0.2774

Previews

White Background



This preview shows how the XYZ color 57.5304, 68.5686, 76.5326 looks on a white background.

Color Contrast Check

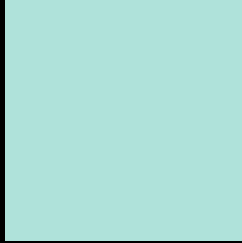
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.5304, 68.5686, 76.5326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

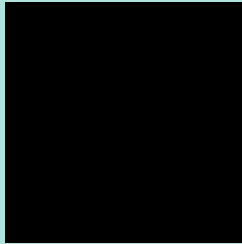
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

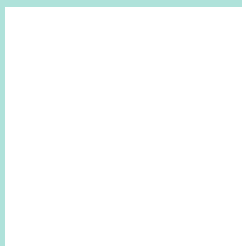
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5304, 68.5686, 76.5326

Background



This preview shows how black text looks on a background with the XYZ color 57.5304, 68.5686, 76.5326.

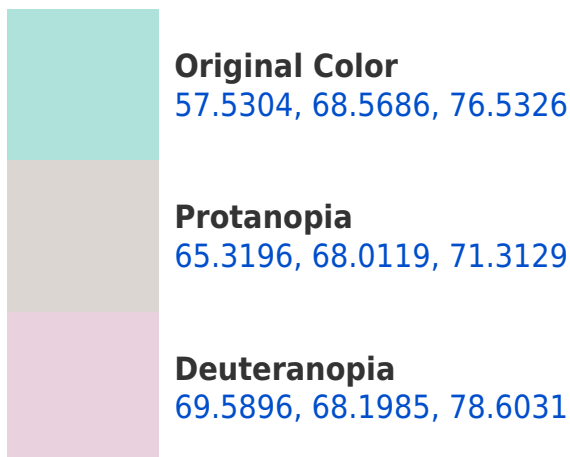


This preview shows how white text looks on a background with the XYZ color 57.5304, 68.5686,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

60.9382, 68.7699, 92.5002

Trichromacy



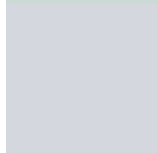
Original Color

57.5304, 68.5686, 76.5326



Protanomaly

62.1108, 67.8352, 73.4382



Deuteranomaly

64.5030, 67.8184, 78.0972



Tritanomaly

59.5812, 68.6025, 86.4453

Monochromacy



Original Color

57.5304, 68.5686, 76.5326



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

59.5921, 65.7861, 72.5079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5304, 68.5686, 76.5326 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(175, 226, 218)` looks like.

```
.text, #text, p{  
    color:rgb(175, 226, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 226, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 226, 218) }
```

Border

The CSS property to change the border of an element to XYZ 57.5304, 68.5686, 76.5326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 226, 218) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 226, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(175, 226, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 226, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 226, 218);  
box-shadow:4px 4px 4px 4px rgb(175, 226,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5304, 68.5686, 76.5326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 226, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
226, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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